

AMENDMENTS TO THE CLAIMS

Applicants respectfully request the cancellation of claims 30, 31, 36-38, 42, 43, 46-48, 54 and 55.

Claims 1-21 (canceled).

Claim 22 (currently amended): An anti-idiotypic antibody to an idiotype of a second antibody, wherein said idiotype of said second antibody specifically binds to an ~~MN-protein~~ epitope **of native MN protein**, wherein said anti-idiotypic antibody comprises an internal image corresponding to said epitope of said **native** MN protein, and wherein said **native** MN protein **has an amino acid sequence of SEQ ID NO: 2** **that** is encoded by a nucleic acid selected from the group consisting of:

- (a) SEQ ID NO: 1; and
- (b) polynucleotides that differ from SEQ ID NO: 1 due to the degeneracy of the genetic code.

Claim 23 (currently amended): An anti-idiotypic antibody according to Claim 22, wherein said second antibody that is specific for said ~~MN-protein~~ epitope **of native MN protein**, is either the M75 monoclonal antibody secreted from the hybridoma VU-M75, which was deposited at the American Type Culture Collection under ATCC No. HB 11128, or the MN12 monoclonal antibody that is secreted from the hybridoma MN 12.2.2, which was deposited at the American Type Culture Collection under ATCC No. HB 11647.

Claim 24 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 22.

Claim 25 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 23.

Claim 26 (withdrawn): An anti-anti-idiotypic antibody according to Claim 24 which is polyclonal.

Claim 27 (withdrawn): An anti-anti-idiotypic antibody according to Claim 25 which is polyclonal.

Claims 28-31 (canceled).

Claim 32 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 30.

Claim 33 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 31.

Claim 34 (withdrawn): An anti-anti-idiotypic antibody according to Claim 32 which is polyclonal.

Claim 35 (withdrawn): An anti-anti-idiotypic antibody according to Claim 33 which is polyclonal.

Claims 36-38 (canceled).

Claim 39 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 36.

Claim 40 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 37.

Claim 41 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 38.

Claims 42 and 43 (canceled).

Claim 44 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 42.

Claim 45 (withdrawn): An anti-anti-idiotypic antibody to the anti-idiotypic antibody according to Claim 43.

Claims 46-48 (canceled).

Claim 53 (currently amended): The anti-idiotypic antibody according to claim 22 where said second antibody is ~~[[a]] an biologically active~~ **antigen-binding** antibody fragment.

Claims 54 and 55 (canceled).